

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use several sheets if necessary) (PTO-1449)	ATTY. DOCKET NO. 19603/3357		SERIAL NO. To Be Assigned
	APPLICANT Barany et al.		
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
PP ↓	1	5,143,854	9/1/1992	Pirung et al.			
	2	5,202,231	4/13/1993	Drmanac et al.			
	3	5,258,506	11/2/1993	Urdea et al.			
	4	5,288,468	2/22/1994	Church et al.			
	5	5,371,241	12/6/1994	Brush et al.			
	6	5,424,186	6/13/1995	Fodor et al.			
	7	5,278,298	1/11/1994	Chakraborty et al.			

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PP ↓	8	WO 89/10977	16-NOV-89	Europe			
	9	WO 90/15070	13-DEC-90	Europe			
	10	WO 92/10588	25-JUN-92	Europe			
	11	WO 92/16655	1-OCT-92	PCT			
	12	EP 0 601 714 A1	15-JUN-94	Europe			

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PP ↓	13	Day et al., "Detection of Steroid 21-Hydroxylase Alleles Using Gene-Specific PCR and a Multiplexed Ligation Detection Reaction," <u>Genomics</u> , 29:152-162 (1995)
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PP ↓ ✓	17	5,290,925	3/1/1994	Fino			
	18	5,324,633	6/28/1994	Fodor et al.			
	19	5,352,582	10/4/1994	Lichtenwalter et al.			
	20	5,405,783	4/11/1995	Pirung et al.			
	21	5,470,705	11/28/1995	Grossman et al.			
	22	5,494,810	2/27/1996	Barany et al.			
	23	5,525,464	06/11/96	Drmanac et al.			

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PP ↓ ✓	24	WO 93/17126	2-SEPT-93	Europe			
	25	WO 93/20236	14-OCT-93	Europe			
	26	WO 94/17210	4-AUG-94	Europe			
	27	WO 94/17206	4-AUG-94	Europe			
	28	WO 94/11530	26-MAY-94	Europe			

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PP ↓ ✓	29	Kim et al., "Polymeric Self-Assembled Monolayers. 2. Synthesis and Characterization of Self-Assembled Polydiacetylene Mono- and Multilayers," J. Am. Chem. Soc., 117:3963-3967 (1995)
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	31	Barany et al., "Cloning, Overexpression and Nucleotide Sequence of a Thermostable DNA Ligase-Encoding Gene," Gene, 109:1-11 (1991)
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	35	4,883,750	11/28/89	Whiteley et al.			
	36	4,683,202	07/28/87	Mullis et al.			
	37	5,744,305	04/28/98	Fodor et al.			
	38	5,695,934	12/09/97	Brenner			
	39	5,981,176	11/09/99	Wallace			
	40	5,415,839	5/16/95	Zaun et al.			

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	42	WO 90/11372	4/1990	WO			
	43	WO 93/25563	12/1993	WO			

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		44	Munkholm et al., "Polymer Modification of Fiber Optic Chemical Sensors as a Method of Enhancing Fluorescence Signal for pH Measurement," <u>Anal. Chem.</u> , 58:1427-1430 (1986)
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		46	Chetverin et al., "Sequencing of Pools of Nucleic Acids on Oligonucleotide Arrays," <u>BioSystems</u> , 30:215-231 (1993)
		47	Pease et al., "Light-Generated Oligonucleotide Arrays for Rapid DNA Sequence Analysis," <u>Proc. Natl. Acad. Sci. USA</u> , 91:5022-5026 (1994)
		48	Beattie et al., "Advances in Genosensor Research," <u>Clin. Chem.</u> , 41(5) 700-706 (1995)
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	50	5,648,213	7/15/97	Reddy et al.			
	51	5,667,974	9/16/97	Brikenmeyer			
	52	5,391,480	2/21/95	Davis et al.			

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	54	Kuznetsova et al., "DNA Sequencing by Hybridization with Oligonucleotides Immobilized in a Gel," <u>Mol. Biol. (Mosk)</u> (Russia), 28(2):290-299
	55	Lysov et al., "Measurement of Distances Between DNA Segments Increases the Efficiency of Sequencing by Hybridization with Oligonucleotide Matrix," <u>Molecular Biology</u> , 28(3):433-436 (1994)
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	57	Davis et al., "Quantitative Detection of Hepatitis C Virus RNA With a Solid-phase Signal Amplification Method: Definition of Optimal Conditions for Specimen Collection and Clinical Application in Interferon-treated Patients," <u>Hepatology</u> , 19(6):1337-1341 (1994)
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✓	59	Reynolds et al., "Analysis of Genetic Markers in Forensic DNA Samples Using the Polymerase Chain Reaction," <u>Anal. Chem.</u> , 63:2-15 (1991))
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	62	Gyllenstein et al., "PCR-Based HLA Class II Typing," <u>PCR Meth. Appl.</u> , 1:91-98 (1991)
	63	Chamberlain et al., "Deletion Screening of the Duchenne Muscular Dystrophy Locus Via Multiplex DNA Amplification," <u>Nucleic Acids Res.</u> , 16:11141-56 (1988)
	64	Tsui, Mutations and Sequence Variations Detected in the Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Gene: A Report From the Cystic Fibrosis Genetic Analysis Consortium," <u>Human Mutat.</u> , 1:197-203 (1992)
	65	Hollstein et al., "p53 Mutations in Human Cancers," <u>Science</u> , 253:49-53 (1991)
	66	Saiki, et al., "Enzymatic Amplification of β -Globin Genomic Sequences and Restriction Site Analysis for Diagnosis of Sickle Cell Anemia," <u>Science</u> , 230:1350 (1985)
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	71	Barany, "The Ligase Chain Reaction in a PCR World," <u>PCR Methods and Applications</u> , 1:5-16 (1991)
	72	Gibbs et al., "Detection of Single DNA Base Differences by Competitive Oligonucleotide Priming," <u>Nucleic Acids Res.</u> , 17:2437-48 (1989)
	73	Chehab, et al., "Detection of Specific DNA Sequences by Fluorescence Amplification: A Color Complementation Assay," <u>Proc. Natl. Acad. Sci. USA</u> , 86:9178-82 (1989)
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